WHAT IS CLAIMED IS:

1. A mobile communication system comprising:

a determination unit configured to determine as to layers of data to be transmitted by base stations to mobile stations for respective radio areas, based on area resource information concerning radio resources for the respective radio areas covered by the base stations; and

a radio transmitter configured to transmit the data to the mobile stations according to a determination of the determination unit.

2. A radio network controller comprising:

a determination unit configured to determine as to layers of data to be transmitted by base stations to mobile stations for respective radio areas, based on area resource information concerning radio resources for the respective radio areas covered by the base stations; and

a data transmitter configured to transmit the data to the base stations according to a determination of the determination unit.

3. The radio network controller of claim 2, wherein

the determination unit determines the layers from among the data being layered, and

the data transmitter transmits the data of the layers determined by the determination unit.

4. The radio network controller of claim 2, wherein

the determination unit determines layering methods for layering the data, further comprising:

a layered data converter configured to layer the data for the respective radio areas using the layering methods determined by the determination unit, wherein

the data transmitter transmits the data layered by the

converter.

5. The radio network controller of claim 2, further comprising:

a resource information receiver configured to receive the area resource information from the base stations,

the determination unit determines based on the area resource information received by the resource information receiver.

6. A base station comprising:

a determination unit configured to determine as to layers of data to be transmitted to mobile stations for respective radio areas, based on area resource information concerning radio resources for the respective radio areas covered by the base station; and

a radio transmitter configured to transmit the data to the mobile stations according to a determination of the determination unit.

7. The base station of claim 6, wherein

the determination unit determines the layers from among the data being layered, and

the radio transmitter transmits the data of the layers determined by the determination unit.

8. The base station of claim 6, wherein

the determination unit determines layering methods for layering the data, further comprising:

a layered data converter configured to layer the data for the respective radio areas using the layering methods determined by the determination unit, wherein

the radio transmitter transmits the data layered by the converter.

9. The base station of claim 6, further comprising:

a resource information collection unit configured to

collect the area resource information, wherein

the determination unit determines based on the area resource information collected by the resource information collection unit.

10. A base station comprising:

a notification unit configured to notify a radio network controller of area resource information concerning radio resources for respective radio areas covered by the base station;

a data receiver configured to receive data being layered for the respective radio areas transmitted from the radio network controller based on the area resource information notified by the notification unit; and

a radio transmitter configured to transmit the data received by the data receiver to mobile stations for the respective radio areas.

11. The base station of claim 10, further comprising:

a resource information collection unit configured to collect the area resource information, wherein

the notification unit notifies of the area resource information collected by the resource information collection unit.

12. A communication method comprising:

determining as to layers of data to be transmitted by base stations to mobile stations for respective radio areas, based on area resource information concerning radio resources for the respective radio areas covered by the base stations; and

transmitting the data to the mobile stations according to a determination.